AV Receiver

RX-V1075

NEW PRODUCT BULLETIN

7.2-channel Network AV Receiver featuring high-grade audio design with new ESS DAC and Yamaha total purity concept. HDMI Zone Switching and other flexible system customisation functions. Other major features include MHL support, AV Controller App support and HDMI with Ultra HD (4K) upscaling.

The RX-V1075 offered with black and gold finish available in some areas.

Oil-Damped Hidden Control Panel
Includes HDMI/MHL Input Terminal, USB Port, Video Aux Input Terminals, Zone 2 Switch, YPAO Microphone Jack, And More.

Audio Features

- 7-channel powerful surround sound
  110W per Channel (8 ohms, 20 Hz-20 kHz, 0.06 % THD, 2 ch driven)
  165W per Channel (8 ohms, 1 kHz, 10 % THD, 1 ch driven, JEITA)
- HD Audio format decoding: Dolby TrueHD and DTS-HD Master Audio; Dolby Digital Plus and DTS-HD High Resolution Audio
- Symmetrical power amplifier layout
- Heat sink with anti-vibration and anti-thermal properties
- Rigid chassis with additional bottom frames
- ESS ES9006 DAC featuring true professional digital audio quality
- DAC on Pure Ground circuitry
- High speed thermal feedback power amplifier
- Ultra Low Jitter PLL circuitry helps optimise sound imaging
- Detachable Power Cable for easier installation (also allows cable upgrade)
- Assignable amplifiers for bi-amp connection
- Intelligent assignable amplifiers for Surround Back <-> Front Presence or Zone 2
- Phono input for vinyl playback
- FLAC or WAV 192kHz/24-bit audio playback

Video Features

- Ultra HD (4K) Pass-Through for next-generation super high resolution images
- Ultra HD (4K) upscaling boosts lower resolution images to super high-definition resolution
- Ultra HD (4K) / full HD 1080p video upscaling from analogue and HDMI input
- HDMI: 8 inputs (1 on front) and 2 outputs (assignable for zone) with 3D and Audio Return Channel
- High quality video processing with precise deinterlacing
  - Motion adaptive and edge adaptive deinterlacing
  - Multi-cadence (incl. 3-2 pull-down) detection

Advanced Features

- SCENE PLUS - simple and versatile functionality
  - HDMI CEC powers up compatible TVs and Blu-ray Disc™ players
  - 12 SCENE choices (4 on front panel and others on GUI)
  - Zone SCENE - 4 SCENE buttons for Zone 2
  - Versatile parameters can be stored into each SCENE
- Network functions
  - AirPlay allows music streaming from Mac, PC, iPod, iPhone, iPad
  - AV Controller app for operating various functions from an iPod, iPhone, iPad or Android phones/tablets
  - Access to: Internet Radio (vTuner): MP3, WMA
    Streaming Services (Pandora® internet radio*) *Music service availability varies by region.
    Music files on PC/NAS: WAV, MP3, WMA, AAC, FLAC
  - Web Browser Control via PC or Tablet
  - DLNA 1.5 certified
- MHL supports full HD video and audio from mobile phones and portable devices
- HDMI front panel input for devices such as camcorders and digital cameras
- Front panel USB Digital Connection for iPod, iPhone, iPad and USB device
- iPod/iPhone/iPad song titles displayed in English and Western European languages on the front panel and on-screen display
- HDMI CEC with versatile control from AV Receiver remote control
- Ability to change HDMI input while in Standby Through mode
- YPAO R.S.C. (Reflected Sound Control) sound optimisation with multi-point measurement
- Ability to store and choose between two speaker setting patterns
- Advanced multi-language GUI on-screen display with album art (English, German, French, Spanish, Russian, Italian, Japanese and Chinese)
- Flexibly assignable component video and optical/coaxial (except Video Aux) inputs allow a wide range of source components
- Learning-capable and preset remote unit (Preset remote unit in some areas)
- Background Video feature (for tuner and network sources)
- DC Out for optional accessories

Surround Realism

- HD Audio decoding with CINEMA DSP 3D (17 DSP programmes)
- Compressed Music Enhancer with CINEMA DSP
- Dialogue Lift ensures that dialogue comes from the centre of the screen
- Virtual dialogue lift even without use of presence speakers
- Dialogue Level Adjustment for proper sound balance with dialogue and vocals
- Virtual Presence Speaker function for CINEMA DSP 3D surround without Front Presence Speakers
- Adaptive DRC (Dynamic Range Control) and Adaptive DSP Level
- SILENT CINEMA and New Virtual CINEMA DSP for 7.1-channel surround sound
- Two subwoofer outputs (simultaneous outputs)

Versatile Zone Control

- HDMI Zone Switching allows the same or different HD audio/video sources to be enjoyed in two rooms
- Zone 2 on/off and control on front panel
- Zone 2 video assign (Component, S-Video, Composite)
- System Backup / Recovery function
- Zone mono, Zone volume, tone controls and balance
- Party mode

Eco-Friendly Design

- ECO mode operation for about 20%* less power consumption
  *Compared to power consumption when ECO mode is off (Yamaha measurement).
- Auto power standby function with variable time setting
- Low standby power consumption of 0.35 W

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Superlative Audio Quality

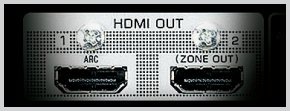
The RX-V1075 delivers the kind of superb audio quality you expect from a high-end Yamaha receiver. It incorporates the ES9006 Premier Audio DAC from ESS Technology, a solution with exceptionally good S/N ratio and dynamic range that provides true professional digital audio quality. The RX-V1075 also uses Ultra-Low Jitter PLL circuitry, which prevents the type of digital distortion known as jitter from affecting the sound quality.

Network Functions Give You More Control, Greater Access

AirPlay lets you stream music wirelessly from a Mac, PC, iPod, iPhone or iPad. You can also access streaming services from a PC or NAS. Compatibility with FLAC/WAV 192kHz provides best sound quality. And the AV Controller app offers convenient operation from a smartphone or tablet.

HDMI Zone Switching and MHL Support

HDMI Zone Switching enables people to enjoy not just one HD audio/video source but two different ones in two different zones. MHL (Mobile High-Definition Link) allows the connection of MHL-compatible mobile phones for enjoying stored content at up to 1080p video quality and with 7.1-channel sound, while charging power to the mobile phone.



Main Specifications

Audio Section	
Rated Output Power (8 ohms, 20 Hz-20 kHz, 0.06 % THD, 2 ch driven)	
Front L/R	110 W + 110 W
Centre	110 W
Surround L/R	110 W + 110 W
Surround Back L/R	110 W + 110 W
Maximum Effective Output Power (8 ohms, 1 kHz, 10 % THD, 1 ch driven, JEITA)	
Front L/R	165 W + 165 W
Centre	165 W
Surround L/R	165 W + 165 W
Surround Back L/R	165 W + 165 W
Dynamic Power/Ch (Front L/R, 8/6/4/2 ohms)	135/165/210/280 W

General	
Standby Power Consumption	
HDMI Control off, Standby Through off	0.35 W (typical)
HDMI Control on, Standby Through on	4.5 W (typical)
Network Standby on	2.2 W (typical)
Dimensions (W x H x D)	435 x 182 x 430 mm 17-1/8" x 7-1/8" x 16-7/8"
Weight	15.1 kg; 33.3 lbs.

Optional Accessories

WiFi Adapter YWA-10

WiFi Adapter for Wireless Streaming of Additional Music Sources

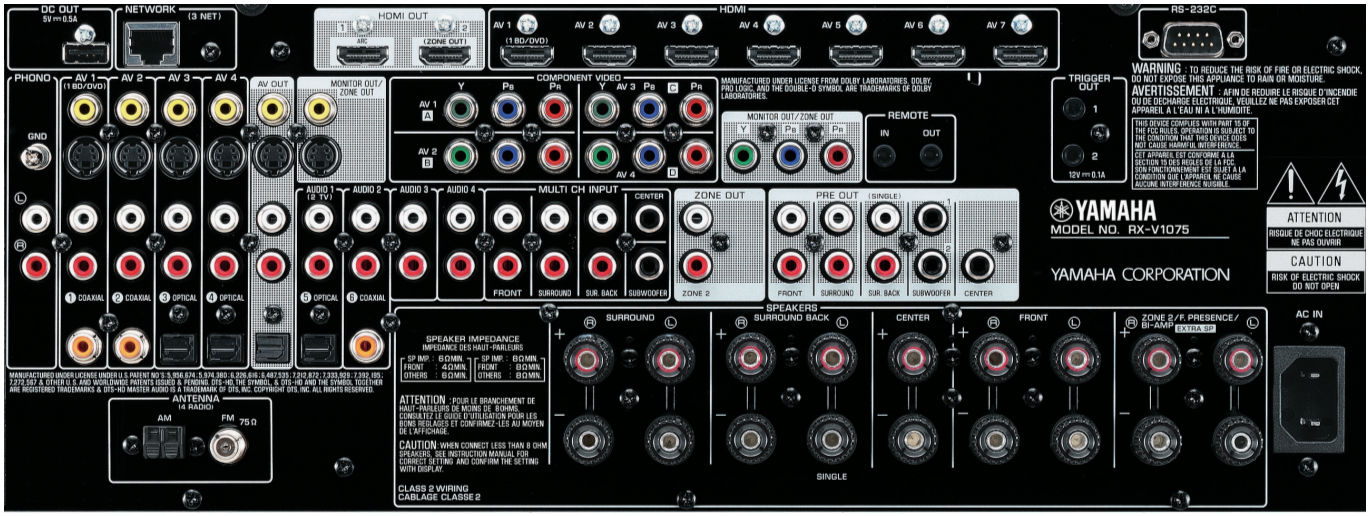
The YWA-10 makes it possible to stream music wirelessly to the AV receiver from a PC, NAS and internet. 2 LAN port design supports connection of other network device such as Blu-ray player. Power is supplied from the AV receiver via USB.

***Bluetooth*® Wireless Audio Receiver YBA-11**

***Bluetooth* Adapter for Wireless Music Streaming**

With the YBA-11, you'll be able to stream music wirelessly from a Bluetooth capable mobile phone or a PC to the AV receiver. Thanks to the digital connection and aptX® audio coding algorithm, you'll enjoy wireless music streaming with optimum sound quality.

* Accessory availability varies depending on area.



Extensive Connections

Inputs	
HDMI*1 (Audio Input Assignable*2, Front HDMI : MHL input compatible)	8
Network	1
USB*1	1
Radio Antenna (FM/AM)*3	1 / 1
Optical Digital (Assignable except Video AUX)*1	4
Coaxial Digital (Assignable)	3
Analogue AV*1 / Audio (with Phono)	5 / 5
Component Video (Assignable)	4
Composite*1 / S-Video	5 / 4
Multi-Channel Input	8ch

Outputs	
HDMI	2 (Zone assignable)
Optical Digital	1
Analogue Audio	1
Pre Out	7.2ch
Component Video Monitor*4	1
Composite / S-Video Monitor*4	1 / 1
AV Out (Composite / S-Video)	1 / 1
Speaker*5	7ch (9 terminals)
Subwoofer	2 x mono
DC Out*6	1
Headphone Jack	1

Others	
Zone 2 Out with Volume and Tone Controls	1
Remote In/Out	1 / 1
+12V / Total 100 mA Trigger Out*7	2
RS-232C	1
Terminal for Detachable Power Cable	1

*1 Including front panel terminals.
*2 Front HDMI input is not assignable.
*3 The shape of the FM antenna terminal varies according to area.
*4 Assignable to monitor out or Zone 2 out.
*5 Banana-plug compatible speaker terminals are available in some areas.
*6 For optional accessories.
*7 Yamaha subwoofer system control support.

• "Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance. AirPlay, iPhone, iPod, iPod classic, iPod nano, iPod touch, and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries. iPad is a trademark of Apple Inc. AirPlay works with iPhone, iPad, and iPod touch with iOS 4.3.3 or later, Mac with OS X Mountain Lion, and Mac and PC with iTunes 10.2.2 or later. • The *Bluetooth*® word mark and logos are registered trademarks owned by *Bluetooth* SIG, Inc. and any use of such marks by Yamaha Corporation is under license. Other trademarks and trade names are those of their respective owners. • The "aptX™ software is copyright CSR plc or its group companies. All rights reserved. The aptX™ mark and the aptX logo are trade marks of CSR plc or one of its group companies and may be registered in one or more jurisdictions." • Dolby and the double-D symbol are registered trademarks of Dolby Laboratories. • DTS, DTS-HD, the Symbol, & DTS or DTS-HD and the Symbol together are registered trademarks of DTS, Inc. • HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. • MHL and the MHL logo are a trademark, registered trademark or service mark of MHL, LLC in the United States and/or other countries. • "x.v.Colour" is a trademark of Sony Corporation. • CINEMA DSP is a trademark of Yamaha Corporation. • SILENT CINEMA is a trademark of Yamaha Corporation. • Pandora and Pandora Internet Radio logo are registered trademarks or trademarks of Pandora Media, Inc. in the United States and/or other countries. • Product designs and specifications are subject to change without notice.